



South Carolina  
Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
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**Issue:** SC-CW004211  
**Released:** October 24, 2011 , after 4 pm  
**Week Ending:** October 23, 2011  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



GENERAL

Cool, wet weather swept over the State during the week ending October 23<sup>rd</sup>, 2011. Monday began with warm temperatures across the Lowcountry but gave way to cooler weather by mid-week. A storm system passed through the State dumping over two inches of rain in some locations and dropping temperatures into the fifties and sixties during the day. Locations in the Upstate reported freezing temperatures early Friday morning. Pleasant fall weather was present for the weekend with temperatures in the mid-seventies and clear skies across the State. The rainy weather limited the State to 5.5 days suitable for fieldwork and produced an average of 1.0 inches of rainfall. Soil moisture conditions improved to 9% very short, 29% short, 59% adequate and 3% surplus. The State average temperature for the period was three degrees below normal.

FIELD CROPS

**WINTER WHEAT** was 25% planted with 8% emerged by the weekend. **WINTER GRAZING** plantings increased to 57% completed with 32% emerged. **OAT** planting was 26% underway with 8% emerged, two points behind the five year average. Eighty percent of **SOYBEAN** leaves had turned color and 39% had dropped leaves, far behind the five year average. Maturation was 29% completed with 12% of the crop harvested, two points ahead of the five year average. Conditions were 7% very poor, 20% poor, 40% fair, 32% good and 1% excellent. Ninety-three percent of **TOBACCO** stalks had been destroyed, six points behind last year and the five year average. Ninety-seven percent of **COTTON** bolls had opened by the end of the week and 45% of the crop had been harvested, six points ahead of the five year average. Conditions improved slightly to 3% very poor, 12% poor, 42% fair, 41% good and 2% excellent. **PEANUT** harvest continued behind schedule with 58% completed by the end of the week, falling further to 17 points behind the five year average. Conditions fell slightly to 3% very poor, 12% poor, 41% fair, 43% good and 1% excellent.

OTHER ITEMS OF INTEREST

**LIVESTOCK** conditions improved to 1% very poor, 5% poor, 38% fair and 56% good. **PASTURE** conditions also improved to 10% very poor, 24% poor, 41% fair and 25% good.

Crop Progress for Week Ending October 23, 2011

Crop and Stage	2011	2010	5-Yr Avg	Crop and Stage	2011	2010	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cotton, Bolls Opened	97	98	97	Soybeans, Mature	29	41	32
Cotton, Harvested	45	55	39	Soybeans, Harvested	12	18	10
Oats, Planted	26	23	26	Tobacco, Stalks Destroyed	93	99	99
Oats, Emerged	8	11	10	Winter Grazings, Planted	57	52	59
Peanuts, Harvested	58	90	75	Winter Grazings, Emerged	32	24	29
Soybeans, Turned Color	80	93	87	Winter Wheat, Planted	25	21	17
Soybeans, Leaves Dropped	39	53	52	Winter Wheat, Emerged	8	10	9

Condition for Week Ending October 23, 2011

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Cotton	3	12	42	41	2	Peanuts	3	12	41	43	1
Livestock	1	5	38	56	0	Soybeans	7	20	40	32	1
Pasture	10	24	41	25	0						

South Carolina Weekly Weather Summary for the Week Ending October 23, 2011

Summer-like warmth returned on Monday afternoon for Barnwell, Summerville, Hartsville and Bennettsville all reaching 88 degrees. Tuesday morning’s warm and moist air, arriving over cool grounds, caused dense fog and reduced visibilities rated at “zero” for Johns Island AP and McEntire ANG AP. A broad sub-tropical feature, moving north from Florida, began influencing the southern-most coast with light rain around noon. Moderate to heavy rains developed through the afternoon and overnight hours affecting most of the State. Some of the heaviest 24-hour rainfall amounts noted by Wednesday morning included, 2.28 inches at Pageland, 1.82 inches at Jocassee Dam, 1.65 inches at Sandy Run and 1.32 inches at McClellanville. At 2:00 p.m., Anderson reported 56 degrees while Walterboro reported 86 degrees. At 4:00 p.m., the Rock Hill AP noted the storm’s lowest barometric pressure value at 29.31 inches of mercury. Thursday’s gusting winds and falling temperatures replaced the stretch of wet weather. Walterboro’s previous warm day of 86 degrees cooled to a Thursday high temperature of just 62 degrees. The high temperature in Pickens was 55 degrees. The Upstate sites of Hunts Bridge and Walhalla recorded a freezing 32 degrees near sunrise on Friday morning. Newberry and the airports at Conway and Hartsville all reported 37 degrees. Sunny, seasonal weather was observed over the weekend. While most locations saw afternoon high temperatures in the 60’s, Ft. Moultrie, Pinopolis and Givhans reached 72 degrees on Saturday. On Sunday, a mild 74 degrees was recorded at the Georgetown AP, Edisto Beach and Beaufort. The State average temperature for the seven-day period was three degrees below normal.

The highest official temperature reported was 89 degrees at Givhans on October 17. The lowest official temperature reported was 31 degrees at Hunts Bridge on October 22. The heaviest official 24-hour rainfall reported was 2.62 inches at Jackson USGS ending at 7:00 a.m. on October 19. The State average rainfall for the period was 1.0 inches.

SOIL: 4-inch depth soil temperature: Columbia 66 degrees, Charleston 67 degrees.  
RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 68 degrees.

Precipitation

Location	Total for Week	Total for 2011	Deviation from Average
Greer AP	0.73	37.23	-1.3
Anderson AP	0.72	28.63	-7.1
Columbia Metro AP	1.52	33.71	-4.2
Orangeburg AP	0.77	33.95	-6.0
Charlotte, NC AP	1.36	37.12	2.7
Augusta, GA Bush AP	1.19	26.49	-10.2
Florence AP	0.39	25.37	-11.2
N Myrtle Beach AP	1.17	29.54	-15.2
Charleston AP	0.95	34.95	-9.8
Savannah, GA AP	0.69	32.91	-9.1

Weekly rainfall totals this period ending midnight Sunday.



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